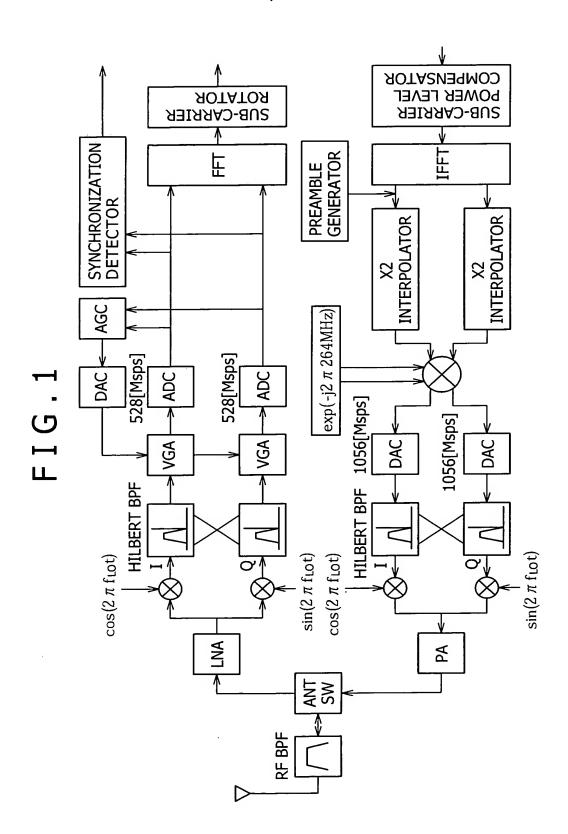
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F I G . 2

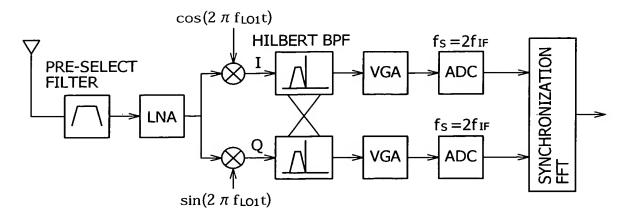


FIG.3A

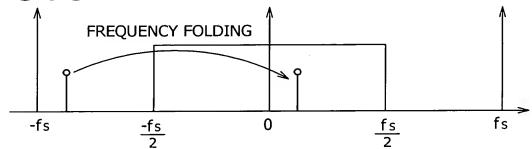


FIG.3B

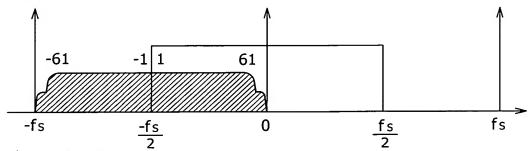
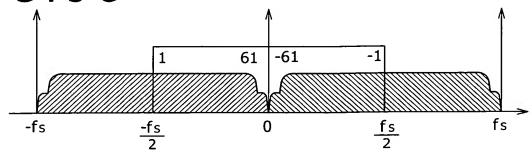
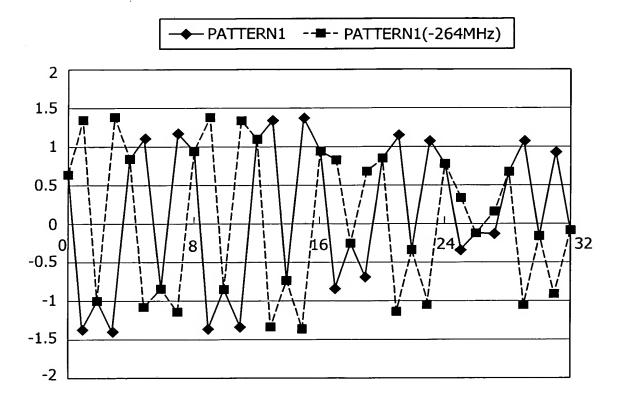


FIG.3C

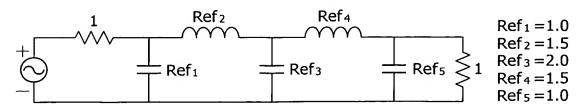


F I G . 4

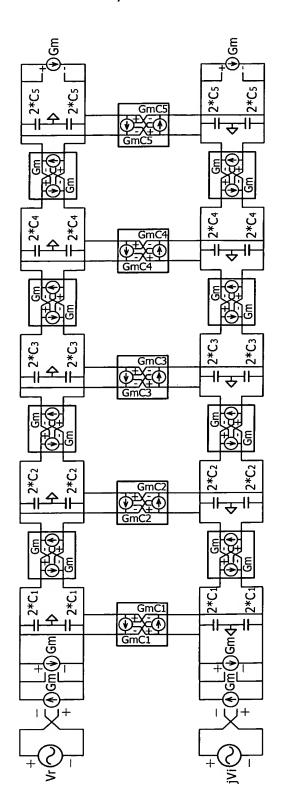


F I G . 5

5TH ORDER LPF PROTOTYPE

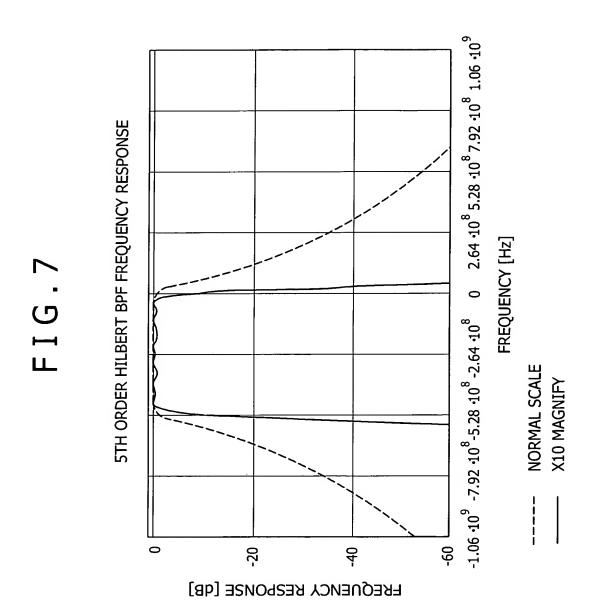


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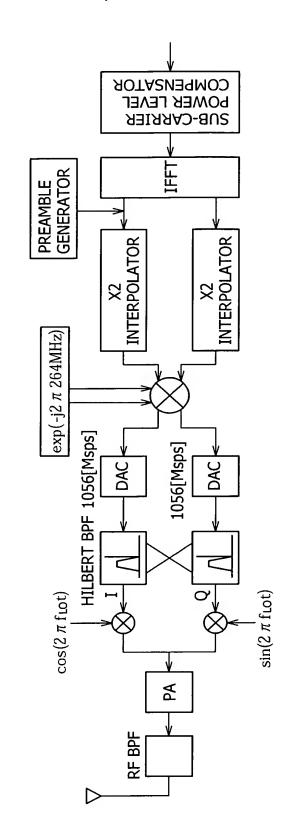


STH ORDER HILBERT BPF

Cn=Refn*Gm/wc GmCn=Refn*Gm*wo/wc



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8.5 FIG. 8

FIG.9

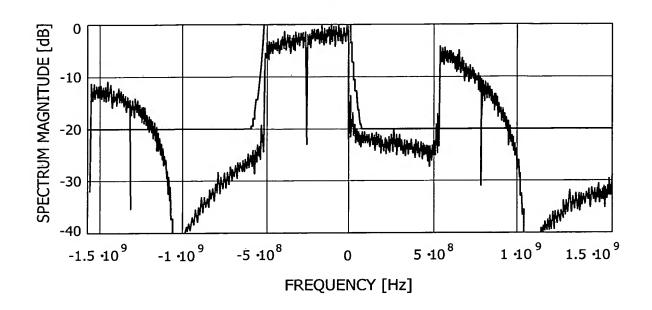


FIG.10

X2 INTERPOLATOR

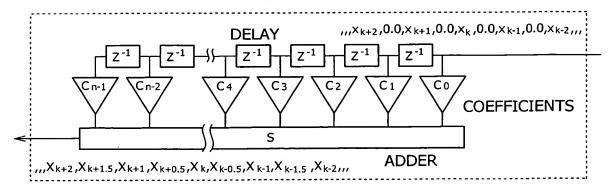


FIG.11

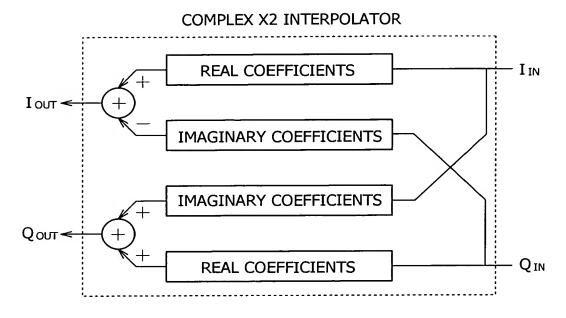


FIG.12

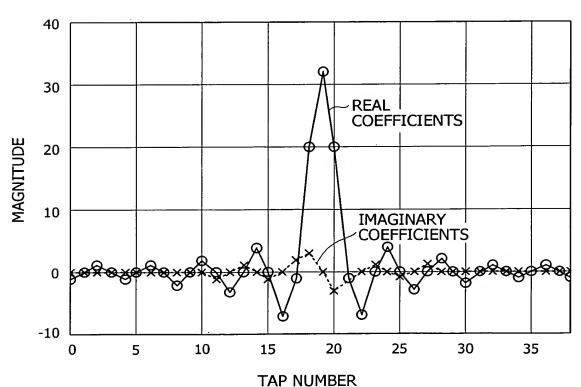


FIG.13

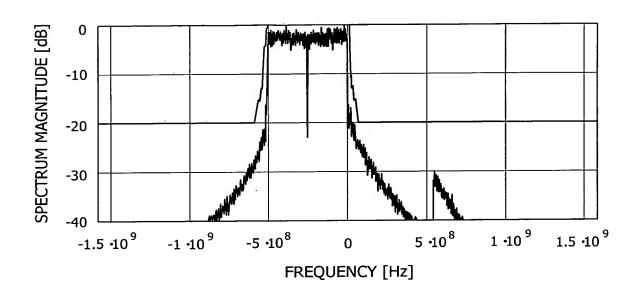
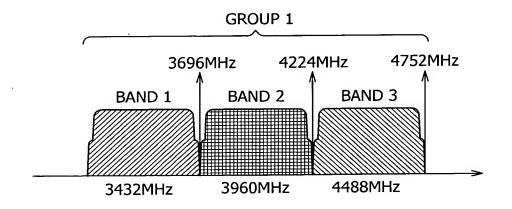


FIG.14



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FIG.15

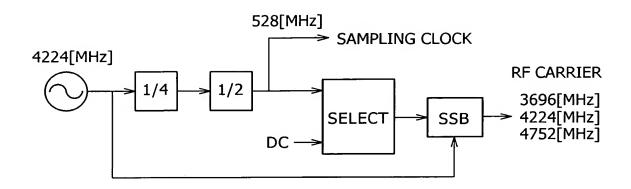
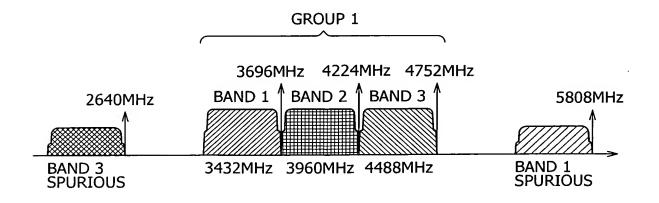


FIG.16



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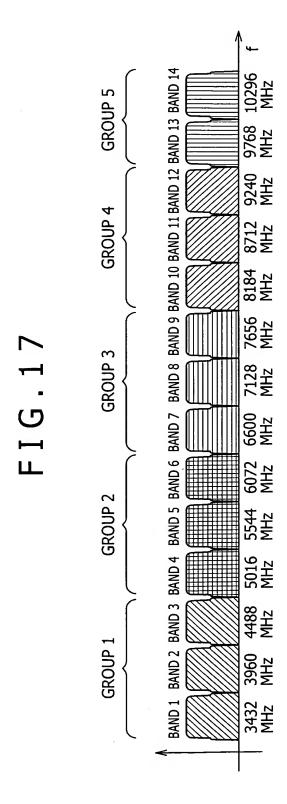


FIG.18

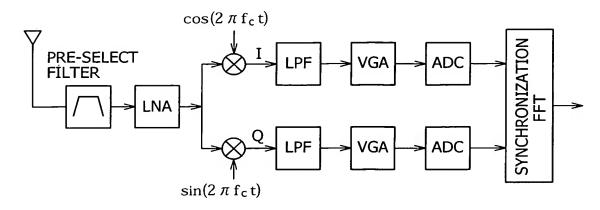


FIG.19

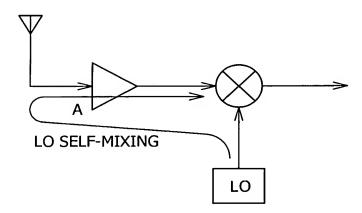


FIG.20

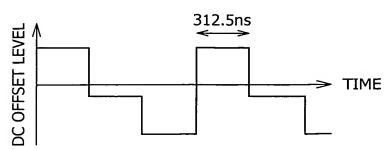


FIG.21

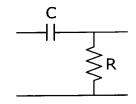


FIG.22

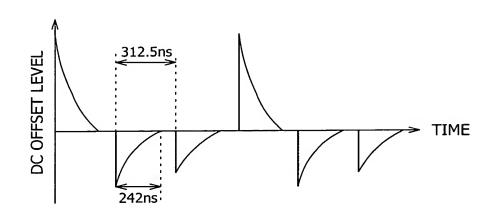
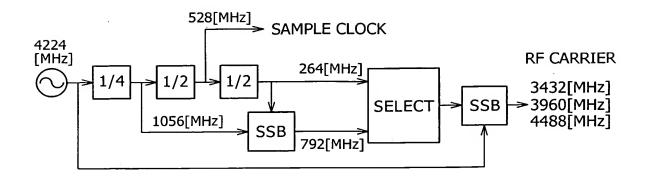


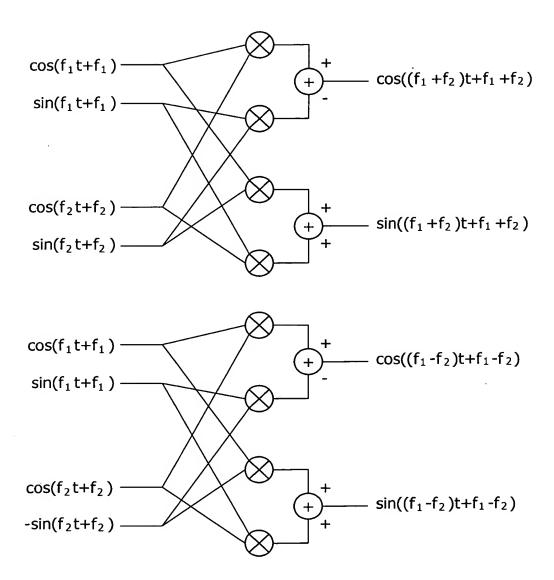
FIG.23



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FIG.24



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FIG.25

